

## Polymethylsilsesquioxane

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /  
March 26, 2012 / Rules and Regulation

Date: 02-14-2018

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Polymethylsilsesquioxane	<b>Distributor:</b>	MakingCosmetics.com Inc.
<b>Synonyms:</b>		<b>Address:</b>	10800 231 <sup>st</sup> Way NE
<b>INCI Name:</b>	Polymethylsilsesquioxane		Redmond, WA 98053 (USA)
<b>CAS Number:</b>	68554-70-1	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>Formula:</b>	CH <sub>3</sub> Si(O) <sub>3/2</sub>	<b>Web:</b>	www.makingcosmetics.com
<b>Product Form:</b>	Powder		
<b>Product Use:</b>	Cosmetic use	<b>Emergency Telephone Number:</b>	1-800-424-9300 (Chemtrec)

### 2 HAZARDS IDENTIFICATION

<b>GHS Classification:</b>	Health, Acute toxicity, 5 Inhalation												
<b>GHS Labeling:</b>	Warning												
<b>GHS Hazard Pictograms:</b>	None												
<b>GHS Hazard Statements:</b>	May be harmful if inhaled												
<b>GHS Precautionary Statements:</b>	P284-Wear respiratory protection												
	Eyes: None known												
<b>Potential Health Hazards:</b>	Inhalation: Use respiratory protection unless adequate local exhaust ventilation is provided. Prolonged inhalation may cause respiratory irritation.												
	Skin: None known.												
	Ingestion: None known												
<b>NFPA Ratings (704):</b>	<table border="0"> <tbody> <tr> <td>Health</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Flammability</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Reactivity</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td colspan="2">n/a</td> </tr> </tbody> </table>	Health	0	Minimal	Flammability	0	Minimal	Reactivity	0	Minimal	Specific Hazard	n/a	
Health	0	Minimal											
Flammability	0	Minimal											
Reactivity	0	Minimal											
Specific Hazard	n/a												

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Polymethylsilsesquioxane	68554-70-1	100%	Not available

### 4 FIRST AID MEASURES

<b>Eyes:</b>	Fluch eyes with water for at least 15 minutes. Consult physician if irritation persists.
<b>Inhalation:</b>	Remove victim to fresh air. Seek medical attention if respiratory irritation occurs.
<b>Skin:</b>	Wash affected areas with soap and water. Consult physician if irritation persists.
<b>Ingestion:</b>	Call a physician immediately. Do not induce vomiting without medical advice.

### 5 FIRE-FIGHTING MEASURES

<b>Suitable (and unsuitable) extinguishing media:</b>	Water, CO <sub>2</sub> , dry chemical, foam
<b>Special protective equipment &amp; precautions for firefighters:</b>	Use self-contained breathing apparatus, due to possible generation of toxic fumes.
<b>Specific hazards arising from the chemical:</b>	None known.

## 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment & emergency procedures:**  
**Environmental precautions:**

**Methods and material for containment and cleaning up:**

See section 8 for recommendations on the use of personal protective equipment.  
 Not available  
 Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

## 7 HANDLING & STORAGE

**Precautions for safe handling:**

**Conditions for safe storage, incl. any incompatibilities:**

See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.

Store in cool, dry, well ventilated area. Keep away from incompatible materials (see section 10 for incompatibilities).

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Component**

**Exposure Limits**

Polymethylsilsesquioxane

Not available

**Personal Protection:**

**Eyes:** Not required, but wear chemical safety glasses or goggles.

**Inhalation:** Not needed under normal conditions of use.

**Body:** Slip proof shoes may be worn where spills may occur

**Other:** Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	White powder	<b>VOC:</b>	Not VOC
<b>Odor:</b>	typical	<b>Bulk Density:</b>	7.54 g/cm <sup>3</sup> , 0.46 g/in <sup>3</sup>
<b>Taste:</b>	Not available	<b>Iodine Value:</b>	Not available
<b>Color:</b>	White	<b>Flammability:</b>	Not available
<b>Molecular Weight:</b>	Infinite as solid	<b>Peroxide Value:</b>	Not available
<b>pH</b>	6-8 (2% 1:1 water:methanol disper)	<b>Solubility:</b>	Insoluble powder
<b>Particle size:</b>	Typical 4-6 um, no nono material	<b>Specific Gravity:</b>	See Bulk density
<b>Molecular Formula:</b>	CH <sub>3</sub> Si(0) <sub>3</sub> /2	<b>Percent Volatile:</b>	<1%

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	Product is stable
<b>Chemical Stability:</b>	Product is stable
<b>Hazardous Polymerization:</b>	Will not occur
<b>Conditions to Avoid:</b>	Avoid combustion sources when dust is present. Use with adequate ventilation.
<b>Incompatible Materials:</b>	No known
<b>Hazardous Decomposition Products:</b>	Possible oxides of and carbon
<b>Special Remarks:</b>	None

## 11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not available
Carcinogenicity:	Not available
Teratogenicity:	Not available
Germ Cell Mutagenicity:	Not available
Embryotoxicity:	Not available
Specific Target Organ Toxicity:	Not available
Reproductive Toxicity:	Not available

## 12 ECOLOGICAL INFORMATION

Ecotoxicity	
Aquatic Vertebrate:	Not available
Aquatic Invertebrate:	Not available
Terrestrial:	Not available
Persistence and Degradability:	Not available
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available
PBT and vPvB Assessment:	Not available
Other Adverse Effects:	Not available

## 13 DISPOSAL CONSIDERATIONS

Waste Residues:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.
Product Containers:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.
The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods	

## 14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not regulated
TDG (Transportation of Dangerous Goods, Canada):	Not regulated
IMDG (International Maritime Dangerous Goods):	Not regulated
IATA (International Air Transport Association):	Not regulated
ICAO (International Civil Aviation Organization):	Not regulated

## 15 REGULATORY INFORMATION

TSCA Inventory Status:	Commercial use of this product is limited to applications not regulated by TSCA. One or more components in this product may not be listed on the Toxic Substances Control Act inventory of chemical substances. Use of this product in TSCA applications is for Research and Development purposes only.
DSCL (EEC):	This product is not classified according to the EU regulations.
WHMIS (Canada):	Not controlled under WHMIS (Canada)

## 16 OTHER INFORMATION

Revision Date:	02-14-2018
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer:	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date

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